DOCKET NO.: CELL-0311

PATENT Application No.: 10/560,119

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This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A compound of formula (1):

wherein:

Cy is an aryl or heteroaryl group;

m is zero or the integer 1, 2 or 3;

n is zero or the integer 1, 2 or 3; in which the sum of m and n is the integer 1, 2 or 3;

 R^1 is a group selected from C_{1-6} alkyl, aryl, heteroaryl, heterocycloalkyl, C_{3-1}

6cycloalkyl, -C₁₋₆alkylaryl, -C₁₋₆alkylheteroaryl, -C₁₋₆ alkylheterocycloalkyl or and -C₁₋₆ 6alkylC₃₋₆cycloalkyl, in which each aryl of and heteroaryl group, present as or as part of the group R¹, may is optionally be substituted with 1, 2 or 3 R⁷ substituents selected from the group R⁷, wherein each R⁷ may be the same or different, and is an atom or group selected from F, Cl, Br, C₁₋₆alkyl, C₁₋₆haloalkyl, C₁₋₆alkoxy, C₁₋₆haloalkoxy, CN, CO₂R^{7a}, CON(R^{7a})₂ or COR^{7a}; and in which each alkyl, heterocycloalkyl or and cycloalkyl group, present as or as part of the group R^1 , may is optionally be substituted with 1, 2 or 3 R^8 substituents selected from the group R⁸, wherein each R⁸ may be the same or different, and is an atom or group selected from F, C₁₋₆alkyl, C₁₋₆haloalkyl, C₁₋₆alkoxy, C₁₋₆haloalkoxy, =O, =NOR¹⁰, CO₂R^{8a}, CON(R^{8a})₂ or COR^{8a};

each R⁷ is, independently, F, Cl, Br, C₁₋₆alkyl, C₁₋₆haloalkyl, C₁₋₆alkoxy, C₁₋₆ 6haloalkoxy, -CN, -CO₂R^{7a}, -CON(R^{7a})₂ or -COR^{7a};

each R^{7a}, which may be the same or different, is each is, independently, a hydrogen atom, or a C₁₋₆alkyl or C₁₋₆haloalkyl group;

each R⁸ is, independently F, C₁₋₆alkyl, C₁₋₆haloalkyl, C₁₋₆haloalkoxy, =O, $=NOR^{10}$, $-CO_2R^{8a}$, $-CON(R^{8a})_2$ or $-COR^{8a}$;

each R^{8a}, which may be the same or different, is each is, independently, a hydrogen atom, or a C₁₋₆alkyl or C₁₋₆haloalkyl group;

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R¹⁰ is a hydrogen atom or a C₁₋₃alkyl group;

R² is a hydrogen atom or a C₁₋₃alkyl group;

or R^1 and R^2 together with the carbon atom to which they are attached form a C_3 . 6cycloalkyl or heterocycloalkyl group optionally substituted with 1, 2 or 3 \underline{R}^9 substituents selected from the group R^9 , wherein each R^9 may be the same or different, and is an atom or group selected from F, $C_{1.6}$ alkyl, $C_{1.6}$ haloalkyl, $C_{1.6}$ alkoxy, $C_{1.6}$ haloalkoxy, $= O_7 = NOR^{10}$, $= CO_2R^{8a}$, $= CON(R^{8a})_2$ or $= COR^{8a}$;

each R^9 is, independently, F, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, $C_$

 R^3 is an atom or group selected from F, Cl, Br, C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} alkoxy or C_{1-3} haloalkoxy;

 R^4 is a hydrogen, F, Cl, or Br, atom or a C_{1-3} alkyl, C_{1-3} haloalkyl, C_{1-3} haloalkoxy, -CN, $-SO_2R^5$, $-SO_2N(R^6)_2$, $-CON(R^6)_2$, $-N(R^6)_2$, $-NHSO_2R^5$ or $-NHCOR^5$ group;

R⁵ is a C₁₋₃alkyl group;

each R^6 , which may be the same or different, is each is, independently, a hydrogen atom or a C_{1-3} alkyl group; and

 R^a and R^b , which may be the same or different, is are each an atom or group selected from hydrogen or C_{1-3} alkyl, or R^a and R^b may be joined to together with the carbon atom to which they are attached form a C_{3-6} cycloalkyl or heterocycloalkyl group as defined for R^4 and R^2 optionally substituted with 1, 2, or 3 R^9 substituents;

and the salts, solvates, hydrates, tautomers, isomers or N oxides thereof or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

2. (currently amended) A compound according to Claim 1 which has the of formula (2):

wherein m, n, Cy, R^a, R^b, R¹, R³ and R⁴ are as defined in Claim 1; and the salts, solvates, hydrates, tautomers, isomers or N oxides thereof

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or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

3. (currently amended) A compound according to Claim 1 which has the of formula (3):

wherein m, n, R^a, R^b, R¹, R², R³ and R⁴ are as defined in Claim 1; and the salts, solvates, hydrates, tautomers, isomers or N oxides thereof or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

4. (currently amended) A compound according to Claim 3 which has the of formula (4):

wherein m, n, R^a, R^b, R¹, R³ and R⁴ are as defined in Claim 1; and the salts, solvates, hydrates, tautomers, isomers or N oxides thereof or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

- 5. (currently amended) A compound according to Claim 1 or Claim 2 wherein Cy is a phenyl group.
- 6. (currently amended) A compound according to any preceding Claim 1 wherein R^a and R^b is are each a hydrogen atom.
- 7. (currently amended) A compound according to any preceding Claim Claim 1 wherein m is the integer 1 and n is the integer 1.

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8. (currently amended) A compound according to any preceding Claim 1 in which wherein R¹ is a group selected from C₁₋₆alkyl, phenyl, heteroaryl, heterocycloalkyl, C₃. 6cycloalkyl, -(CH₂)₁₋₂phenyl, -(CH₂)₁₋₂heteroaryl, -(CH₂)₁₋₂heterocycloalkyl or and -(CH₂)₁₋₂c₃₋₆cycloalkyl, each of which is optionally substituted in which each phenyl and heteroaryl group, present as or as part of the group R¹, may optionally be substituted with 1, 2 or 3 substituents selected from the group R⁷, as defined in Claim 1; and in which each alkyl, heterocycloalkyl or cycloalkyl group, present as or as part of the group R¹, may optionally be substituted with 1, 2 or 3 substituents selected from the group R⁸, as defined in Claim 1.

- 9. (currently amended) A compound according to any preceding Claim in which Claim 8 wherein R^1 is a group selected from optionally substituted C_{1-6} alkyl, phenyl, heterocycloalkyl, C_{3-6} cycloalkyl or and -(CH₂)₁₋₂phenyl.
- 10. (currently amended) A compound according to any one of Claims 1, 3 or 5 to 7 in which Claim 1 wherein R^1 and R^2 together with the carbon atom to which they are attached form a an optionally substituted C_{3-6} cycloalkyl group optionally substituted with 1, 2 or 3 substituents selected from the group R^9 , as defined in Claim 1.
- 11. (currently amended) A compound according to Claim 10 in which wherein R¹ and R² together with the carbon atom to which they are attached form a cyclobutyl group.
- 12. (currently amended) A compound according to any preceding Claim in which Claim 1 wherein R³ is an atom or group selected from F, Cl, methyl, ethyl, isopropyl, -CF₃, -CF₂H, methoxy, ethoxy, -OCF₃ or -OCF₂H.
- 13. (currently amended) A compound according to any preceding Claim in which Claim 1 wherein R⁴ is an atom or group selected from hydrogen, F, Cl, methyl, -CF₃, methoxy, ethoxy, -OCF₃ or -OCF₂H.
- 14. (currently amended) A compound of any preceding Claim according to Claim 12 wherein R³ is an atom or group selected from F, Cl, methyl, ethyl or methoxy.

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15. (currently amended) A compound according to Claim 14 wherein R³ is an atom or group selected from F, Cl, methyl or methoxy.

- 16. (original) A compound according to Claim 14 wherein R³ is a methyl group.
- 17. (currently amended) A compound which is:

N-hydroxy-3-methyl-2-(4-o-tolylpiperazine-1-sulfonylmethyl)butyramide;

N-hydroxy-3-methyl-2-[4-(2-methyl-4-fluorophenyl)piperazine-1-sulfonylmethyl]butyramide;

N-hydroxy-3-methyl-2-[4-(2,4-dimethylphenyl)piperazine-1-sulfonylmethyl]-butyramide;

N-hydroxy-3-methyl-2-[4-(2-methyl-4-trifluoromethoxyphenyl)piperazine-1-sulfonylmethyl]butyramide;

2-benzyl-N-hydroxy-3-(4-o-tolylpiperazine-1-sulfonyl)propionamide;

2-benzyl-*N*-hydroxy-3-[4-(2-methyl-4-trifluoromethoxyphenyl)piperazine-1-sulfonyl]propionamide;

N-hydroxy-2-phenyl-3-(4-o-tolylpiperazine-1-sulfonyl)propionamide;

N-hydroxy-2(*R*)-(tetrahydropyran-4-yl)-3-(4-*o*-tolylpiperazine-1-sulfonyl)-propionamide;

N-hydroxy-3-methyl-2(R)-(4-o-tolylpiperazine-1-sulfonylmethyl)butyramide;

1-(4-o-tolylpiperazine-1-sulfonylmethyl)cyclobutanecarboxylic acid hydroxyamide; and the salts, solvates, hydrates, tautomers, isomers or N-oxides thereof or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

18. (currently amended) A compound which is:

N-hydroxy-3-methyl-2-[4-(2-methoxyphenyl)piperazine-1-sulfonylmethyl]-butyramide;

N-hydroxy-3-methyl-2-[4-(2-chlorophenyl)piperazine-1-sulfonylmethyl]-butyramide; and the salts, solvates, hydrates, tautomers, isomers or N oxides thereof or a salt, solvate, hydrate, tautomer, isomer or N-oxide thereof.

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19. (currently amended) A pharmaceutical composition comprising a compound according to any one of Claims 1 to 18 Claim 1 together with one or more pharmaceutically acceptable carriers, excipients or diluents.